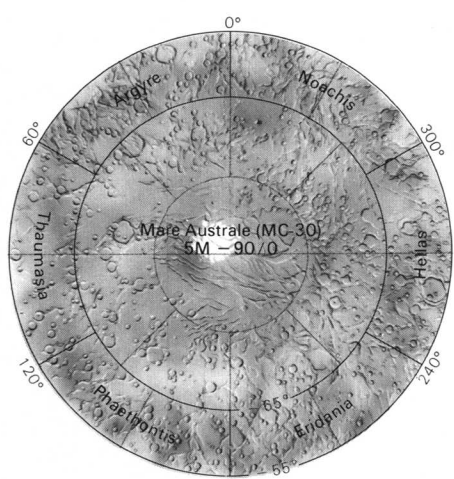
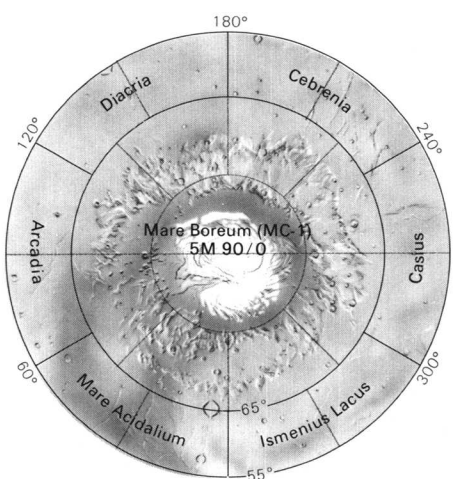


Interior—Geological Survey, Reston, Va.—1979—G79281  
Prepared on behalf of the Planetary Geology Program,  
Planetary Division, Office of Space Science, National  
Aeronautics and Space Administration under contract  
W-13,709

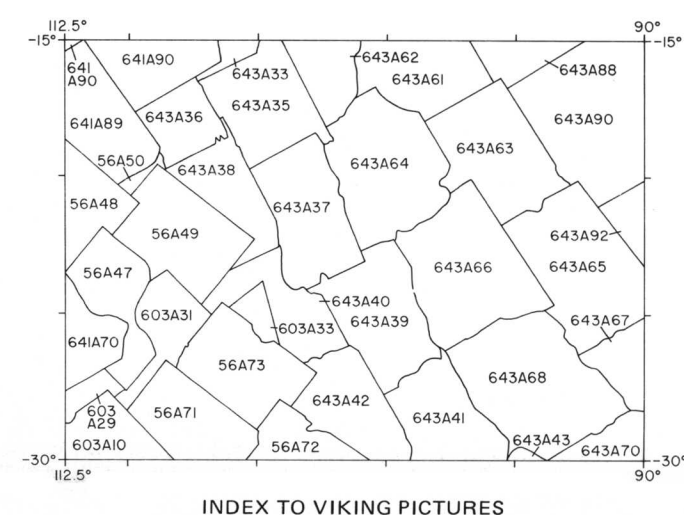
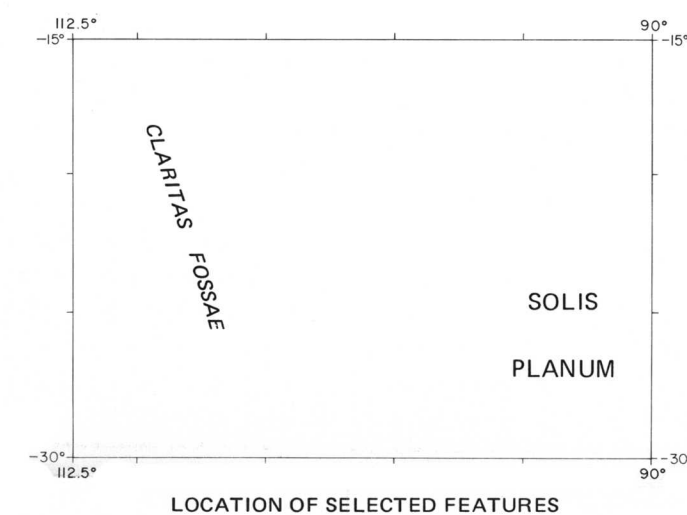


LISTING OF PUBLISHED 1:2000000 PHOTOMOSAICS	
I No.	Quadrangle Name
I-1183	Coprates Southwest (MC-18 SW)
I-1184	Coprates Southeast (MC-18 SE)
I-1185	Memnonia Northeast (MC-16 NE)
I-1186	Memnonia Northwest (MC-16 NW)
I-1187	Memnonia Southeast (MC-16 SE)
I-1188	Memnonia Southwest (MC-16 SW)
I-1189	Phoenicis Lacus Southwest (MC-17 SW)
I-1190	Phoenicis Lacus Southeast (MC-17 SE)
I-1191	Argyre Northwest (MC-26 NW)
I-1192	Argyre North Central (MC-26 N/C)
I-1193	Argyre Northeast (MC-26 NE)

This photomosaic is part of a new series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement was based on the 1978 control net (Davis, M. E. and others, 1978, Control net of Mars, February 1978, The Rand Corp. R02309-NASA). At least 66 percent of the image control points lie within 0.5 mm (1 km) of their published locations.

This version of the quadrangle was made by the Planetary Cartography Section of the U.S. Geological Survey under an accelerated program to allow rapid access to Viking Orbiter pictures. The normal editing process has been abbreviated, and relatively little effort has been expended on the cosmetic appearance of the mosaic. This version may not therefore meet standards of quality normally present in publications of the U.S. Geological Survey.

NOTE TO USERS  
Users noting errors or omissions are urged to indicate them  
on the map and to forward it to U.S. Geological Survey,  
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Arizona 86001. A replacement copy will be returned.



INDEX TO VIKING PICTURES  
The mosaic was made with the Viking pictures outlined  
above. Copies of various enhancements of these pictures are  
available from National Space Science Data Center, Code  
601.4, Goddard Space Flight Center, Greenbelt, MD 20771.

## CONTROLLED PHOTOMOSAIC OF THE PHOENICIS LACUS SOUTHEAST QUADRANGLE OF MARS

M 2M -22/101 CM  
MC-17 SE  
1979

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